



Department of Energy
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0071306

SEP 29 2006

06-AMCP-0314

Ms. Jane Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99352

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OCT 20 2006
EDMC

Dear Ms. Hedges:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT
ORDER (TRI-PARTY AGREEMENT) INTERIM MILESTONE M-91-45 REQUIREMENT TO
SUBMIT A REPORT DESCRIBING WORK RELATING TO REMOTE HANDLED (RH)
AND LARGE CONTAINER WASTE

The purpose of this letter is to submit the subject report in accordance with Tri-Party Agreement Interim Milestone M-91-45. As required, the report describes completed and scheduled work relating to RH waste and large container contact handled and RH waste performed in accordance with the requirements of the M-91 milestone series.

If you have any questions, please contact me, or you may contact Mark French, of my staff, on (509) 373-9863.

Sincerely,


Matthew S. McCormick, Assistant Manager
for the Central Plateau

AMCP:GLS

Enclosure

cc w/encl:
G. Bohné, NPT
N. Ceto, EPA
S. Harris, CTUIR
R. Jim, YN
T. M. Martin, HAB

R. D. Morrison, FHI
K. Niles, ODOE
R. E. Piippo, FHI
D. Singleton, Ecology
Administrative Record
Environmental Portal

Enclosure

ANNUAL PROGRESS REPORT ON REMOTE-HANDLED (RH)
MIXED WASTE AND (CH) MIXED WASTE IN BOXES/LARGE CONTAINERS
September 30, 2006

Consisting of 3 pages
Including cover page

ANNUAL PROGRESS REPORT ON REMOTE-HANDLED (RH) MIXED WASTE AND CONTACT-HANDLED (CH) MIXED WASTE IN BOXES/LARGE CONTAINERS

As required by TPA Milestone M-91-45, this report has been prepared to describe work completed during Fiscal Year (FY) 2006 on remote-handled (RH) mixed waste and contact-handled (CH) mixed waste in boxes/large containers and to identify work scheduled for these waste streams in FY 2007.

FY 2006 Accomplishments

- No remote-handled (RH) and large-container Land Disposal Restriction (LDR) Report Treatability Group MLLW-07 waste was treated or disposed in FY 2006, due to the emphasis on Treatability Groups MLLW-03 and MLLW-04 (TPA Milestones M-91-12/12A and M-91-42). A cumulative total of 194 m³ has been treated and disposed.
- Enhanced off-site commercial treatment capabilities continue to be available in FY 2006, but were not utilized due to higher priority work scope. Revisions to the Pacific EcoSolutions (PEcoS) contract are being negotiated to expand their capability to treat waste packages up to 35 m³ in volume.
- The Environmental Restoration Disposal Facility (ERDF) continues to be used in FY 2006 to dispose of other MLLW Treatment Groups (i.e., MLLW-04A/B). Work continues to expand the use of ERDF for disposal of other Treatment Groups, including MLLW-07.
- An ERDF Record of Decision (ROD) Amendment was submitted to the Environmental Protection Agency (EPA). The proposed plan for an amendment to the ROD went out for public comment on August 28, 2006 which closed on September 26, 2006. The amendment, if approved, would allow disposal of multiple LDR treatability groups, including MLLW-07 waste.
- Engineering Study and Functional Design Criteria (FDC) documentation (referenced below) were issued in support of the acquisition of on-site capabilities to process MLLW and transuranic/transuranic mixed waste in boxes/large containers or RH waste in various sized packages. This completed TPA target date M-91-05-T01 fifteen months early. The project establishes new capability and capacity for processing RH and CH waste in boxes/large containers at T Plant.

Planned FY 2007 Activities

- Continue waste treatment at PEcoS.
- Continue disposal of MLLW in the mixed waste trenches and/or at ERDF, and continue efforts to bring the Integrated Disposal Facility on-line for future MLLW disposal.
- Proceed with efforts to establish additional processing capabilities at T Plant as documented in the Engineering Study and FDC. This includes preparation of Critical Decision 0 documentation for submittal to DOE-HQ and initiation of the Conceptual Design for the project.

Publicly Available Reports

1. Letter 05-AMCP-0421 Keith A. Klein to Michael A. Wilson, "*Completion of Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) interim milestone M-91-45, submit to Ecology a report describing completed and scheduled work relating to remote-handled (RH) waste and boxes and large containers of RH and contact-handled (CH) waste*", September 29, 2005.
2. WMP-30632 "*Processing Hanford MLLW and TRU Waste that is either CH in Boxes/Large Containers or RH Waste in Various Packages Engineering Study*", September 2006.
3. HNF-29524 "*T Plant Solid Waste Processing Center Functional Design Criteria*", September 2006.
4. DOE/RL-2006-48 Rev 0, "Proposed Plan for an Amendment to the Environmental Restoration Disposal Facility Record of Decision".
5. HNF-19169 Rev. 1, "*M-91 TRU Mixed / Mixed Low-Level Waste Project Management Plan*", March 2004.